



Dr. SWAPANIL YADAV
M.Sc. (Botany), Ph.D, F.S.L.Sc., F.J.T.B.S.

ASSISTANT PROFESSOR
DEPARTMENT OF BIOTECHNOLOGY
(Under Self Finance Scheme)
GANDHI FAIZ-E-AAM COLLEGE,
SHAHJAHANPUR



E Mail: swapanilgfc@gmail.com

Mobile: +91 8176925662

Residence: 80, Tajukhel, Shahjahanpur, U.P.242001.

OBJECTIVE

Achieve professional excellence in my career and contribute significantly in the advancement of our knowledge in basic as well as applied Biology, and translate that knowledge into a viable technology.

FIELD OF SPECIALIZATION

Biotechnology of Agriculture Crops (especially Plant Tissue Culture)

ACADEMIC QUALIFICATION

- **Ph.D. (Botany)** in 2015 thesis entitled “*Effect of Hormones and Sub Culturing Methods on Rate of Multiplications during In vitro Micropropagation of Sugarcane.*” M.J.P. Rohilkhand University, Bareilly.
- **M. Sc.** (2008) Botany, [72.3%], M.J.P.R.U., Bareilly, 3rd rank in University.
- **B. Sc.** (2006) Chemistry, Zoology and Botany, [67%], M.J.P.R.U., Bareilly.
- Intermediate (2002) Science, [66%] with distinction in Physics and Chemistry, U.P.Board.
- High School (2000) Science [60%] with distinction in Drawing, U.P. Board.

AWARDS AND HONOURS

- Best Paper Presentation Award in National Seminar on “Role of Agriculture in the Development of Rural India: Its challenges and Possibilities in 21st Century” .Government Degree College. Pihani, Hardoi. 19-20 February, 2016.
- FJTBS- Fellow of Journal of Trends in Biosciences. 2014.
- F.S.L.Sc.- Fellow of Society of life sciences for the contribution in the field of Life Science. 2011.
- Member of Local Organizing committee in National symposium on Biodiversity and Food Security: Challenges and Devising Strategies organized by DSASRD and IIPR, Kanpur, December 10-11,2011.
- Best Paper Presentation Award in National Conference on Recent Trends in Environmental Biotechnology for Sustainable Development. Sponsored by UGC and DBT. Kisan (P.G.) College, Simbhaoli (Ghaziabad). March 28, 2010.
- “Fazlur Rahman Khan Student award” in 2008 awarded by Honorable Mr. Arjun Singh, Minister for Human Resource and Development, Indian Government.
- ‘Prithvi Mitra’ prize by Earth Matters Foundation, New Delhi.
- Best student of college for the year of 2006 by Honorable Mushirul Hasan, Vice-Chancellor of Jamia Millia Islamia University, New Delhi.
- Best student of college for the year of 2007 by Honorable Rakesh Dhar Tripathi, Minister of Higher Education, Uttar Pradesh.
- “UJAAS award -2008” from International literary society Rajeshwari Prakashan, Madhya Pradesh.
- “Yadav Gaurav Samman” 2008-For the contribution in the field of literature

COMPUTER SKILLS

1. Three month’s Diploma in Office Automation , Narayan College, Bareilly.
2. Basic knowledge of Bioinformatics tools and softwares for sequence alignment, similarity search, molecular structure drawing and visualization and phylogenetic analysis.

TEACHING EXPERIENCE

8 Years in Department of Biotechnology and Microbiology, Gandhi Faiz-e-Aam College, Shahjahanpur.

(B.Sc. Papers: Biochemistry, Plant Biotechnology, Plant Physiology, Plant Diversity, Cell Biology, Molecular Biology, RDT)

RESEARCH PUBLICATIONS

20 full length Research Papers in various International and National Journals.

16 abstracts in of International and National level Conferences/ Seminars.

Papers

1. Tiwari, A.K., Yadav, S., S. Tripathi, J. Rastogi, Y.P. Bharti, M. Lal and M. L. Sharma (2008). Performance of Micropropagated, SCYLV infected and healthy plants of sugarcane. Indian Journal of Sugarcane Technology.23 (1&2): 41-44. [ISSN 0970-3233]
2. Khan, M., Yadav, S., Chauhan, N. and Ahmed, A. (2009) Biochemical analysis of antioxidant and anticancerous Broccoli as nutritional food .Life science Bulletin. 6(3): 421-422.[PRINT ISSN 0973-5453, ONLINE ISSN 2321-7952]
3. Saad, S., A. Ahmed, Masood, A., Hussain , M. and Yadav, S. (2009). Effect of vermicompost and nitrogen on plant growth and herbage yield of *Ocimum sanctum* .National journal of life sciences, 6(3) :363-365.[Print ISSN, 0972-995X] NAAS:3.2
4. Swapanil Yadav (2010) .Effect of herbicides on mitotic index of *Vicia faba*. Life science Bulletin. 7 (1):49-50. [PRINT ISSN 0973-5453, ONLINE ISSN 2321-7952]
5. Khan, M., Yadav, S., Chauhan, N. and Ahmed, A. (2010) Use of Red Cabbage (*Brassica Oleracea* var. *capitata* f. *rubra*) As Nutritional Food. Asian Journal of Biosciences. 5(2): 249-250.[ONLINE ISSN : 0976-8343. ISSN : 0973-4899.] NAAS: 3.21

6. Alka Sagar, Swapnil Yadav and M. K. Sharma (2011). Studies on treatment of distillery effluent and effect of different composts on seed germination. Trends in Biosciences. 4(1):66-67. [PRINT ISSN 0974-8431, ONLINE ISSN 0976-2485]NAAS: 2.7
7. Pankaj Chauhan, Aakansha Goswami, Swapnil Yadav, Aquil Ahmad (2011). Multiple Shoot induction from the shoot tip explants of Cucurbita maxima. Annals of Horticulture. Vol 4 (2): 193-196. [Print ISSN: 0974-8784. Online ISSN: 0976-4623]
8. Swapnil Yadav, Aquil Ahmad, Jyoti Rastogi and Madan Lal (2012). TISSUE CULTURE STRATEGIES IN SUGARCANE (SACCHARUM OFFICINARUM L.). International Journal of Pharma and Bio Sciences. Vol. 3 (2): 426-441.[ISSN: 09756299]
9. Swapnil Yadav, Shivangi Sharma and Aquil Ahmad (2012). Action of Plant Growth Regulators on the Seed Germination and Early Seedling of Vicia flaba. Advances in Life Sciences. 1(2): 167-168.[Print ISSN: 2278-3849. Online ISSN: 2278-4705]
10. Swapnil Yadav, Aquil Ahmed, Madan Lal (2012). EFFECT OF DIFFERENT AUXINS AND CYTOKININS ON IN VITRO MULTIPLICATION AND ROOTING OF SHOOT CULTURES IN SUGARCANE. International Journal of Biological & Pharmaceutical Research. 2012; 3(6): 1-5.[ISSN No. : 0976 3651]
11. Anchal Sharma, Swapnil Yadav, Swasthi Tiwari (2012).CLONING OF VITAMIN D RECEPTOR (VDR) IN pUC19 VECTOR. International Journal of Biological & Pharmaceutical Research. 3(3): 414-416.[ISSN No. : 0976 3651]
12. Siddhant, Swapnil Yadav and CS Singh (2013). Spawn and Spawning Strategies for the cultivation of Pleurotus eous (Barkeley) Saccardo. International Journal of Pharmaceutical and Chemical Sciences. 2(3). 1494-1500.[ISSN 2277-5005]
13. Siddhant, Swapnil Yadav, Aquil Ahmad and C.S. Singh (2013)Effect of wheat straw components on the yield of Pleurotus eous. Int.J.Curr.Microbiol.App.Sci. (2013) 2(8): 221-225.[ISSN:2319-7692(Print), ISSN:2319-7706(Online)] CIF-2.015
14. Swapnil Yadav and Aquil Ahmad (2013) STANDARDISATION OF CALLUS CULTURE TECHNIQUES FOR EFFICIENT SUGARCANE

- MICROPROPAGATION. Cibtech Journal of Bio-Protocols. 2 (2).29-32.[ISSN: 2319–3840 (Online)]
15. Siddhant, Swapanil Yadav and CS Singh (2013). Conversion of Crop Waste in to Pink Oyster Mushroom *Pleurotus eous*. Trends in Biosciences. 6(4): 418-420. [PRINT ISSN 0974-8431, ONLINE ISSN 0976-2485] NAAS: 2.7.
 16. Siddhant, Swapnil Yadav, Rupali Mishra and Ruchira Singh (2014) EFFECT OF SUBSTRATE DISINFECTION ON THE BIOLOGICAL EFFICIENCY OF PLEUROTUS SAJOR-CAJU (FR.) SINGER. Plant Archives. 14 (1): 205-209.[ISSN:0972-5210] NAAS:3.05.
 17. Swapanil Yadav, Aquil Ahmad and Madan Lal (2014) Effect of inoculums size on rate of multiplication during in vitro micropropagation of sugarcane. Trends in Biosciences. 7(9). 766-768. [PRINT ISSN 0974-8431, ONLINE ISSN 0976-2485] NAAS: 2.7.
 18. Swapanil Yadav, Aquil Ahmad, Jyoti Rastogi and Madan Lal (2014) RATE OF SHOOT MULTIPLICATION AS INFLUENCED BY TRIMMING OF PROPAGULES DURING MICROPROPAGATION OF SUGARCANE. Journal of Sugarcane Research. 4(1):82-85.[ISSN: 2249-927X] NAAS:2.59.
 19. Swapanil Yadav, Aquil Ahmad, G.N. Gupta and Madan Lal. (2015) RATE OF SHOOT MULTIPLICATION DURING MICROPROPAGATION OF SUGARCANE AS AFFECTED BY SUBCULTURING PERIOD. Journal of Sugarcane Research. 5(1).74-76 [ISSN: 2249-927X] NAAS:2.59
 20. Swapanil Yadav and Aquil Ahmad. (2016).Comparative performance of micropropagated and conventional plants of Sugarcane. Int. J. Adv. Res. Biol. Sci. 3(10): 52-54. [ISSN: 2348-8069]

BOOK CHAPTER

Swapanil Yadav (2017) **Ethical Issues in Biotechnology: Risks and Regulations**. Promotion of Ethics and Human Values. Darul Eshaat-E-Mustafi. Page-182-190.

ONLINE ARTICLES

Article "XENOBIOTIC METABOLISM IN ANIMALS" is available on -
line <http://www.articlesbase.com/authors/swapanil-yadav/216874.htm>">SWAPANIL YADAV

HINDI SCIENCE ARTICLES

1. Agricultural article in Hindi “Doosri Harit Kranti Ka Sapna” published from Ghaziabad on front page of news paper “Hind Kranti” and Magazine “INDIA ALIVE” Jan 2010: 39.
2. Article on sugarcane research “Ganna fasal utpaadan anusandhaan karya evam sambhaavnaye ” published in yearly magazine of IIT-Delhi “JIGYASA-2009”.page 125-126
3. Hindi article “Paryavaran Sanrakshan Me Yuvaao Ka Yogdaan” published in newspaper of IIT-Delhi.
4. Hindi article “Pehli Kratrim Koshika” published in a Magazine India Alive (July 2010).
5. Hindi article “NAYE RISHTO KI KHOJ” On Human Microbiome Project published in a Magazine India Alive (AUG 2010).
6. Hindi article “Ganne se ethanol ka utpaadan” in Science Times news paper.
7. Hindi article “Bharat ki Ummiden-Naye Urja shrot” in India Alive Magazine.
8. Hindi article “ Jal Sanrakshan Keval Sarkari Gatividhi Nahi” in Harnandi Kahin.
9. Hindi article “Gene Se Anant Ka Safar” in Umang Magazine.
10. Hindi article “ Ameriki anusandhan kayal hai gay ke doodh kee pratirodhak chhamta ke” in Dialogue India Magazine, New Delhi. May (2017). Page 29.

PARTICIPATION IN TRAINING AND WORKSHOPS

Participated in UGC sponsored Training Programme “**Transformation and Molecular Characterization of Medicinal Plants and Animals**” organized by the Centre for Transgenic Plant Development , Department of Biotechnology, Jamia Hamdard, New Delhi. 16 Dec 2010-21 Dec 2010.

PRESENTATION IN SEMINARS / SYMPOSIA

Participated in 17 International and National level Conferences/ Seminars.

International

1. International Symposium on Plant Biology and Environmental: Changing Scenario, organized by Indian Botanical Society at Allahabad between Dec. 17-19, 2008.
2. International conference on Current Trends in Biotechnology and Implications in Agriculture, SVBPUA&T, Meerut Feb 19-21, 2009.
3. International conference on “Issues for climate change, land use diversification and biotechnological tools for livelihood security” organized by Hi-Tech Horticultural Society, Meerut during 8-10 October, 2011 at SVBPUA&T, Meerut.

National

4. National Conference on New Biology and Plant Engineering, JNU, Jaipur, Rajasthan. Dec. 1st and 2nd , 2009.
5. National conference on Strategies for management of animal resources and their role in rural upliftment at Arya Mahila Degree College, Shahjahanpur. 17-1 Feb, 2010.
6. 2nd National conference Biotech world 2010: Start up with Biotechnology. DAMS Kanpur. 20th February 2010.

7. National conference on Challenges in Life sciences with Changing Environment. Sacred heart degree college, Sitapur. 20-21st February, 2010.
8. National Conference on Recent Trends In Environmental Biotechnology For Sustainable Development. Kisan (P.G.) College, Simbhaoli (Ghaziabad). March 28, 2010.
9. National seminar on management of environmental pollution for sustainable energy production. M.J.P. Rohilkhand University, Bareilly. 10-11th April 2010 .
10. National Symposium and Bioinformatics workshop organized by Interdisciplinary Biotechnology Unit, Aligarh Muslim University, Aligarh. March 7-9, 2011.
11. National symposium on Biodiversity and Food Security: Challenges and Devising Strategies organized by DSASRD and IIPR, Kanpur, December 10-11, 2011.
12. National Seminar on “Role of Biosciences to Save Environment” Kisan PG College, Bahraich. 6-7 October, 2012.
13. National Conference on Brass Metal Works, Health and Environment(Sponsored by ICSSR) at MMDCollege, Moradabad.)2-3 May , 2015.
14. National Seminar on “Promotion of Ethics and Human Values” G.F. College, Shahjahanpur, 1 February, 2016.
15. National Seminar on “Role of Agriculture in the Development of Rural India: Its challenges and Possibilities in 21st Century” .Government Degree College. Pihani, Hardoi. 19-20 February, 2016.

16. National Seminar on “Empowerment of Indian Agricultural Sector and The Law. Swami Shukdevanand Law College, Shahjahanpur. 27-28 February, 2016.”
17. National Seminar on “Advances in Plant Science Frontier: Development and Environment”, organized by Department of Botany, Gandhi Faiz-e-Aam College, Shahajahanpur, U.P., 26th to 27th Novemnber, 2016.
18. National Conference on “Bio-degradation of Wildlife, Environment and Biodiversity”(B-WEB-2017), organized by Department of Zoology, Gandhi Faiz-e-Aam College, Shahajahanpur, U.P., 19th to 20th March, 2017.
19. Symposium “Bioepoch-2017” organized of School of Biotechnology of Jawaharlal Nehru University, New Delhi, 23rd-24th March, 2017.

MEMBERSHIP

1. Society of Life Sciences, Madhya Pradesh (Life Time)
2. Hi-Tech Horticultural Society, Meerut (Life Time)
3. Trends in Biosciences Journal. (Life Time)
4. Organic farming society of India, Goa(One Year)

TRAINING

Three months training on “Rapid seed multiplication in sugarcane through tissue culture technique” in Tissue Culture Division of U.P. Council of Sugarcane Research, Shahjahanpur.

LEADERSHIP

U.P. Co-Convenor 'Subhash Yuva Morcha' Ghaziabad.

President of a society "SANCHAYAN" for water conservation awareness.

VOLUNTEER EXPERIENCE

Two year as volunteer of National Service Scheme

EXTRACURRICULAR INTERESTS

Writing and Poetry

प्रकाशित पुस्तकें

1. "चौराहा" कविता संग्रह, भारत क्रांति प्रकाशन से प्रकाशित (2015)

ISBN: 81-901647-6-7

२. " भगत का सफर" अमर शहीद भगत सिंह का जीवन परिचय, भारत क्रांति प्रकाशन(2017) प्रेस में

ISBN: 81-901647-8-3

More than 150 articles and coverstories have been published in various magazines and news papers such as Dainik Jagran, Amar Ujala, Hind Kranti (Ghaziabad), Dialogue India (New Delhi), Search Story (Madhya Pradesh), Media Trial (Lucknow), Vividh Samvaad (Bareilly), India Alive (Lucknow), Tootata Vishwas (Hardoi) and Sadinaama (Kolkata).

Poems and ghazals are available on website www.haso.in and published by Rajeshwari Prakashan (Madhya Pradesh) and Avichal Prakashan (U.P.)